

Serial Number: 10/803,195  
Attorney Docket: FELD3002CIP2/ESS

LISTING AND AMENDMENT OF THE CLAIMS:

1. – 16. (Canceled)

17. (New) A method of identifying or designing gene-expression regulation in a genome comprising detecting or modeling, by computer, connectron pairs that cooperate or compete to control gene-expression and/or that are symmetric or asymmetric and/or where the RNA for both connectrons are the same in the 5' to 3' direction or 3' to 5' direction or in one case is the reverse of the other so far as 5' to 3' direction and 3' to 5' direction are concerned, and outputting the result to a user.